

WHAT IS CLAIMED IS:

1. ~~An input system comprising:~~

an information generation part which generates input information based on a given input operation;

a transmission part which transmits signals generated by having a plurality of different carrier frequencies modulated with the input information; and

a reception part which receives the transmitted signals and demodulates the signals into the input information.

2. The input system as claimed in claim 1, further comprising wave direction parts which are provided close to said transmission part so as to provide the signals transmitted from said transmission part with directivity.

3. The input system as claimed in claim 2, wherein said wave direction parts are antennas.

4. The input system as claimed in claim 1, wherein said transmission part comprises a plurality

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an output part which successively outputs the different carrier frequencies; and

a modulation part which has the different carrier frequencies modulated with the input information.

an output part which outputs a corresponding one of the different carrier frequencies; and

7. The input system as claimed in claim 1, wherein said reception part comprises a plurality of reception circuits for receiving the transmitted signals and demodulating the signals into the input information.

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5 a transmission part which transmits a
signal generated by having a carrier frequency
modulated with the input information;
 a plurality of wave direction parts which
are provided close to said transmission part so as
10 to provide the signal transmitted from said
transmission part with directivity; and
 a reception part which receives the
transmitted signal and demodulates the signal into
the input information.

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13. The input system as claimed in claim 12, further comprising a switching part which transmits the transmitted signal selectively to one of said wave direction parts based on a control signal supplied from said information generation part.

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14. The input system as claimed in claim
30 12, wherein said transmission part comprises a
plurality of transmission circuits for transmitting
the signal.

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15./ The input system as claimed in claim

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19. The input device as claimed in claim
16, wherein said transmission part comprises a
35 plurality of transmission circuits for transmitting
the signals of the different carrier frequencies.

20. The input device as claimed in claim 16, wherein said transmission part comprises:

an output part which successively outputs the different carrier frequencies; and

5 a modulation part which has the different carrier frequencies modulated with the input information.

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21. The input device as claimed in claim 19, wherein each of the transmission circuit comprises:

15 an output part which outputs a corresponding one of the different carrier frequencies; and

20 a modulation part which has the corresponding one of the different carrier frequencies modulated with the input information.

22. The input device as claimed in claim 16, further comprising a conductive part provided on a surface of the input device,

25 wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said
30 conductive part to the user.

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23. The input device as claimed in claim 16, further comprising a conductive part provided on

FIG. 10 - 0276565

a bottom of the input device,

wherein said conductive part contacts a
conductive plate member so that the signals
transmitted from said transmission part are
5 transmitted via said conductive part to the
conductive plate member.

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24. An input device comprising:
an information generation part which
generates input information based on a given input
operation;

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a transmission part which transmits a
signal generated by having a carrier frequency
modulated with the input information; and

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a plurality of wave direction parts which
are provided close to said transmission part so as
to provide the signal transmitted from said
transmission part with directivity.

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25. The input device as claimed in claim
24, further comprising a switching part which
transmits the transmitted signal selectively to one
of said wave direction parts based on a control
30 signal supplied from said information generation
part.

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26. The input device as claimed in claim
24, wherein said transmission part comprises a

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27. The input device as claimed in claim 24, wherein said wave direction parts are antennas.

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